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TO: Commissioner of Patents

FAX NO.: 703-872-9306

FROM: Thomas Bethea, Jr. Reg. No. 53,987

DATE: April 12, 2005

MATTER: U.S. Serial No.: 09/835,030 filed: April 13, 2001

DOCKET NO.: SAR/14110

APPLICANT: Reed, Jr.

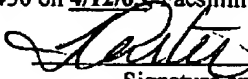
The following has been received in the U.S. Patent and Trademark Office on the date of this facsimile:

<input type="checkbox"/> Petition	<input checked="" type="checkbox"/> Transmittal (2 copies)
<input type="checkbox"/> Disclosure Statement & PTO-1449	<input checked="" type="checkbox"/> Fee Transmittal (2 copies)
<input type="checkbox"/> Priority Document	<input checked="" type="checkbox"/> Deposit Account Transaction
<input checked="" type="checkbox"/> Amendment Under 37 C.R.F. §1.116	<input checked="" type="checkbox"/> Facsimile Transmission Certificate dated <u>April 12, 2005</u>

## CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8

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Tara Carter  
Name of person signing this certificate

  
Signature and date April 12, 2005

PTO/SB/21 (09-04)


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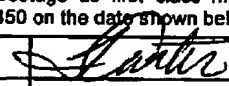
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/835,030
	Filing Date	April 13, 2001
	First Named Inventor	Reed
	Art Unit	2834
	Examiner Name	ZHENG, Eva Y
Total Number of Pages in This Submission	Attorney Docket Number	SAR/14110

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Transmission
<b>Remarks</b>  		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Moser, Patterson & Sheridan, LLP		
Signature			
Printed Name	Thomas Bethea, Jr.		
Date	April 12, 2005	Reg. No.	53,987

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Typed or printed name	Tara Carter	Date	April 12, 2005

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PTO/SB/21 (09-04)


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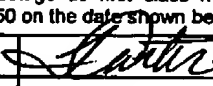
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/835,030
	Filing Date	April 13, 2001
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	Art Unit	2634
	Examiner Name	ZHENG, Eva Y
Total Number of Pages in This Submission	Attorney Docket Number	SAR/14110

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Transmission
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Moser, Patterson & Sheridan, LLP		
Signature			
Printed Name	Thomas Bethea, Jr.		
Date	April 12, 2005	Reg. No.	53,967

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Signature			
Typed or printed name	Tara Carter	Date	April 12, 2005

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PTO/SB/17 (12-04v2)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<h2 style="text-align: center;">FEE TRANSMITTAL for FY 2005</h2>		Application Number	09/835,030
		Filing Date	April 13, 2001
		First Named Inventor	Charles Reed
		Examiner Name	Eva Y. Zheng
		Art Unit	2634
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	SAR/14110
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 400			

**METHOD OF PAYMENT** (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) :

☒ Deposit Account Deposit Account Number: 20-0782

Deposit Account Name:

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s)  
 Under 37 CFR 1.16 and 1.17

☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)

50

Each independent claim over 3 (including Reissues)

Fee (\$)

200

Multiple dependent claims

Fee (\$)

360

**Total Claims****Extra Claims****Fee(\$)****Fee Paid (\$)**

-20 or HP=

x

=

Fee (\$)

Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims****Extra Claims****Fee(\$)****Fee Paid (\$)**

5

- 3 or HP=

2

x

200

=

400

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

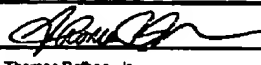
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

**Fees Paid (\$)****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	53,987	Telephone	732-530-9404
Name (Print/Type)	Thomas Beebe, Jr.	Date	April 12, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete if Known	
<b>FEE TRANSMITTAL for FY 2005</b>		Application Number	08/835,030
		Filing Date	April 13, 2001
		First Named Inventor	Charles Reed
		Examiner Name	Eva Y. Zheng
		Art Unit	2634
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	SAR/14110
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 400			

**METHOD OF PAYMENT (check all that apply)**

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 20-0782 Deposit Account Name: \_\_\_\_\_  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
 Under 37 CFR 1.16 and 1.17

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**FEE CALCULATION**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	180	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	380	180
<b>Total Claims</b>		
_____ -20 or HP= _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>		
_____ -3 or HP= _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)  
Other (e.g., late filing surcharge) : \_\_\_\_\_

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	53,987	Telephone	732-530-9404
Name (Print/Type)	Thomas Bethes, Jr.	Date	April 12, 2005		

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09/835,030

SAR 14110

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PATENT AND TRADEMARK OFFICE

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APR 12 2005

**PATENT APPLICATION**Applicant: **Charles REED**Filed: **April 13, 2001**Case: **SAR 14110**Group Art Unit: **2634**Serial No.: **09/835,030**Examiner: **Eva Y. Zheng**

Title: **METHOD AND APPARATUS FOR PERFORMING JOINT TIMING RECOVERY  
OF MULTIPLE RECEIVED SIGNALS**

MAIL STOP: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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4-12-2005	
Date	Signature

**RESPONSE TO FINAL OFFICE ACTION DATED JANUARY 12, 2005**

In response to the Final Office Action dated January 12, 2005, having a shortened statutory period for response set to expire on April 12, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.